

04-1504

17231 U.S. PTO

15364 U.S. PTO  
10/824913

04-1504

PTO/SB/05 (07-03)

Approved for use through 07/31/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non provisional applications under 37 CFR 1. 53(b))

Attorney Docket No.	W-9634-01
First Inventor	George Yaluris
Title	Compositions and Processes for Reducing NOx Emissions During Fluid Catalytic Cracking
Express Mail Label No.	EV 311098998 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 51]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [ Total Sheets 1 ]
5. Oath or Declaration [ Total Pages 3 ]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation i divisional with Box 18 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Mail Stop Patent Application  
Commissioner for Patents  
Alexandria VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS USPTO-1449) ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Non publication request under 35 U.S.C. 122 (b)(2)(13)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. ☒ Other: Express Mail Certificate

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1. 76.-

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: /

Prior application information:

Examiner

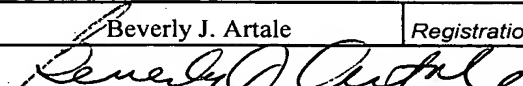
Group Art Unit.

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 000030633 or ☐ Correspondence address below  
Insert Customer No or Attach Bar Code Label here

Name	Beverly J. Artale				
Address	W R Grace & Co.-Conn, Patent Department, Legal Services Group				
	7500 Grace Drive				
City	Columbia	State	MD	Zip Code	21044
Country	USA	Telephone	301- 352-8577	Fax	301- 352 - 7539

Name (Print I Type)	Beverly J. Artale	Registration No. (Attorney/Agent)	32366
Signature		Date	April 15, 2004

Toolawnator Inc.

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**FEE TRANSMITTAL**  
**for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

\$5,398.00

## Complete If Known

Application Number

Filing Date

April 15, 2004

First Named Inventor

George Yaluris

Examiner Name

Art Unit

Attorney Docket No.

W-9634-01

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

07-1770

W.R.Grace &amp; Co.-Conn.

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001		Utility filing fee	770.00
1002		2002		Design filing fee	
1003		2003		Plant filing fee	
1004		2004		Reissue filing fee	
1005		2005		Provisional filing fee	
SUBTOTAL (1)					\$770.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims  $261 - 20 = 241 \times 18.00 = 4338$   
 Independent Claims  $3 - 3 = 0 \times 86.00 = 0$   
 Multiple Dependent  $290.00 = 290$

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202		<input checked="" type="checkbox"/> Claims in excess of 20	
1201	86	2201		<input checked="" type="checkbox"/> Independent claims in excess of 3	
1203	290	2203		Multiple dependent claim, if not paid	
1204		2204		<input type="checkbox"/> ** Reissue independent claims over original patent	
1205		2205		<input type="checkbox"/> ** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) \$4,628.00

\* or number previously paid, if greater. For Reissues, see above

Or\* ☐ Total Filing and Extra Claim Fees As Filed  
☐ Total Extra Claim Fees As Amended  
 From Page 2 Parts 1 or 2

\$0.00

SUBMITTED BY This Fee is In Lieu Of Parts 1 and 2 above

Name (Print Type) Beverly J. Artale

Registration No.  
(Attorney/Agent)

32366

Telephone (410) 531-4769

Signature

Beverly J. Artale

Date

April 15, 2004

Toolawntor Inc.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

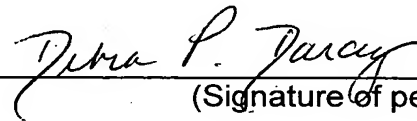
☐ "EXPRESS MAIL" - Mailing Label No. EV 311098998 US

**Date of Deposit: April 15, 2004**

I hereby certify that the enclosed documents, Utility Patent Application Transmittal Form; Fee Transmittal Form (in duplicate); Specification (51 pages), Drawings (1 page); Declaration and Power of Attorney; Express Mail Certification; and Return Receipt Acknowledgement Post Card are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Debra P. Darcey

(Typed or printed name of person mailing  
mailing paper or fee)



(Signature of person)

Attorney Docket No.: W9634-01